

ABSTRACT

A centrifuge concentrator bowl includes a plurality of fluidized recesses at axially spaced positions along the peripheral wall. Each recess is defined by two side walls converging toward a base which has water injection holes for fluidizing materials collecting in the recess. The volume within which collection occurs is defined by a replaceable plastic strip member across the recess spaced from the base so that a water channel is formed inside the bowl between the base of the recess and the strip. Water from the channel is injected through holes in the strip in a generally tangential direction around the recess. The use of the replaceable strip allows the injection openings of the bowl to be tailored to requirements and/or to be cleaned of scale by rapidly removing and replacing the strips in the bowl.